



**New U.S. Industrial 90 Ton Hydraulic Ironworker with Dual-operator Work Stations, Standard 14" Punch Throat Model Number: USHI90**



**Noteworthy Features of this Ironworker:**

- Dual hydraulic cylinders for two man operation with two moveable foot pedals
- Five workstations: punch, plate shear, angle shear, rod shear and notcher.
- This machine also comes with a press brake attachment.
- Punch station has large two-piece gauging table with fence
- Punch station has quick acting swing-away stripper with 3 inserts
- Punch station has removable sections for punch leg of channel or I-beam
- Quick change coupling nut and sleeve for punch
- Electric backgauge, 3' long
- Electrically interlocked safety guard for notching station
- Magnetic base workstation light• 10 HP, 3-phase operation
- This machine weighs 5,260 lbs.
- Three sets of round punch and die
- Spare parts and tools

**Dual Operator Hydraulic Ironworker Model: USHI90**

**PUNCH STATION**

Figure 26 Punch / Figure 62 Die

<b>Punching tons</b>	<b>90</b>
<b>Punching maximum - Round</b>	<b>3/4" thick x 1-1/4" diameter</b>
<b>Throat depth</b>	<b>14"</b>
Punch and die clearance for gauge thickness	= slip fit to 1/64"
Punch and die clearance for 1/4" to 1/2" thickness	= 1/32"
Punch and die clearance for 1/2" to 3/4" thickness	= 1/16"
Punch and die clearance for 3/4" to 1" thickness	= 3/32"
Punch and die clearance for 1" and over thickness	= 1/8"

<b>FLAT BAR SHEAR STATION</b>

Maximum thickness	3/4" thick x 14" width
Maximum length	5/8" thick x 18" width
Blade length	19"

Bar Shear gapped for 1/4" thickness and up. Cutting gauge thickness may require shimming to reduce gap.

<b>ANGLE SHEAR STATION</b>
----------------------------

Capacity at 90 degrees	5-1/2" x 5-1/2" x 1/2"
Capacity at 45 degrees	2" x 2" x 3/8"

<b>BAR SHEAR STATION</b>
--------------------------

Round solid bar maximum	2"
Square solid bar maximum	2"

<b>RECTANGULAR NOTCHER STATION</b>
------------------------------------

Maximum thickness capacity	Width x Depth x Thick: 3" x 1-1/2" x 3/8"
Width of notcher	3"
Depth of notcher	4"

Notcher Station not gapped for small gauge thickness. Must centerload heavy notches.

<b>REQUIREMENTS</b>
---------------------

Horsepower	10
Electrical	220 Volts, 3 phase or 440 Volts, 3 phase
Full load amps	35/17.5
Hydraulic oil type/capacity	Equal to Exxon/Mobil NUTO-H46 - 25 gal
Weight and dimensions	5,260 lbs. - 73"L x 35"W x 74"H

All capacity based on 65Kpsi Ultimate Tensile Strength

## Dual Operator Hydraulic Ironworker Model: USHI90

Optional Round Punch & Die Set as Described Below..... (UPIW1500)

Punch & Die Sets are a great way to stock your punch and die inventory. This Set is in stock and includes 12 F26 Round Punches, 12 F62 Round Dies, Half Pint of Punch-Easy®, and Toolbox.

### ADDITIONAL INFORMATION

#### Punch & Die Sizes Include:

<b>F26 Punch</b>	1/4", 3/8", 1/2", 5/8", 3/4", 13/16", 15/16", 1", 1-1/16", 1- 3/16", 1-1/4", 1-1/2"
<b>F62 Die</b>	9/32", 13/32", 9/16", 11/16", 13/16", 7/8", 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-9/16"

We await your reply and thank you for this opportunity to quote.

#### U.S. INDUSTRIAL MACHINERY



Optional ROUND Punch and Die Set

